

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	174	(voltage with tun\$4) and (spectr\$4 or wavelength) and detector and (FPA or (focal adj plane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 15:47
L3	93	(voltage with tun\$4) and (spectr\$4 or wavelength) and detector and (FPA or (focal adj plane)) and bias	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 15:47
L4	37	(voltage with tun\$4) and (spectr\$4 or wavelength) and detector and QWIP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 15:47
L5	71	(voltage with tun\$4) and (spectr\$4 or wavelength) and detector and (FPA or (focal adj plane)) and bias not L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 15:52
L6	54	(voltage with tun\$4) and (spectr\$4 or wavelength) and detector and (FPA or (focal adj plane)) and bias and (bend or direct or redirect or slant or non-parallel) not L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 16:01
L7	19	(voltage with tun\$4) and (spectr\$4 or wavelength) and detector and (FPA or (focal adj plane)) and bias and (bend or direct or redirect or reflect\$4) and (slant or non-parallel or angled) not L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 17:06
L8	1	(voltage with tun\$4) and (spectr\$4 or wavelength) and detector and (FPA or (focal adj plane)) and bias and (bend or direct or redirect or reflect\$4) and corrugat\$4 not L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 17:06
L9	5	(QWIP) and (energy adj relaxation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 17:51
S1	15	("5384469" "5485015" "6130466" "6326639" "6410917" "6521967" "6522403").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/17 10:11

## EAST Search History

S2	183	(250/339.02).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 07:03
S3	839	(250/332).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/17 09:33
S5	4	QWIP and (voltage adj source) and substrate and (metal adj contact\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 10:21
S6	2	QWIP and (voltage adj source) and substrate and (metal adj contact\$2) and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 10:12
S7	2	QWIP and (voltage adj source) and substrate and multi-wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 16:42
S8	637	(257/21).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/17 17:22
S9	627	(257/440).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/17 18:03
S10	41	(S8 or S9) and QWIP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/17 17:23
S11	2	"20020125472"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 07:34
S12	2	("5384469").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 07:21

## EAST Search History

S13	2	("5552603").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 07:21
S14	2	("6642537").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 07:34
S15	12	QWIP and (voltage adj source) and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 07:59
S16	2	QWIP and (positive adj voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 09:00
S17	17	QWIP and (voltage-tunable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 09:46
S18	0	CQWIP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 09:58
S19	4	QWIP and (positive adj bias)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 12:14
S20	2	("6211529").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 14:40
S21	14	(multi adj (spectral or wavelength)) and display and QWIP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 14:41
S22	29	"5384469"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/11 09:05

## EAST Search History

S25	0	"10798967"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/11 09:20
S26	3176	(voltage with (tun\$4 or bias or vary\$4)) and (QWIP or (quantum with well))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/11 09:25
S27	723	(voltage with (tun\$4 or bias or vary\$4)) and (QWIP or (quantum with well)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/11 09:25
S28	440	(voltage with (tun\$4 or bias or vary\$4)) and (QWIP or (quantum with well)).ab. and wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/11 09:25
S29	57	(voltage with (tun\$4 or bias or vary\$4)) and (QWIP or (quantum with well)).ab. and wavelength and color	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/11 09:26
S30	36	(voltage with (tun\$4 or bias or vary\$4)) and (QWIP or (quantum with well)).ab. and wavelength and color and infrared	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/11 09:26
S31	38	(voltage with (tun\$4 or bias or vary\$4)) and (QWIP or (quantum with well)).ab. and wavelength and color and infrared	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/11 09:28
S32	2	"10781523"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/11 09:47
S33	3	"6469358"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/11 09:47
S34	29	"5384469"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/14 11:29

## EAST Search History

S35	2	"20040159775"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/13 16:55
S36	48	"5539206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/14 10:03
S37	43	S36 and (spect\$4 or color or tunable or tuning or tune)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:03
S38	32	S36 and (spect\$4 or color or tunable or tuning or tune) and QWIP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 10:03
S39	5	"6410917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/14 11:40
S40	37	(voltage with tun\$4) and (spectr\$4 or wavelength) and detector and QWIP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 15:45
S41	5	"6665111"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/14 12:10